

ABSTRACT

[0134] A polymeric composition and process for making the same suitable for injection molding processes and procedures containing an olefinic polymer component selected from at least one a group which includes polyalkylenes, copolymers of polyalkylenes and a non-olefinic thermoplastic. The non-olefinic and olefinic polymeric components are present in random orientable locations in the initial polymeric composition. When injection molded against a temperature gradient, the resulting workpiece composed of the composition has distinctive regions of elevated non-olefinic concentration proximate the outwardly oriented surface and distinctive regions of elevated olefinic polymeric concentration proximate to interior regions of the workpiece. The non-olefinic thermoplastic may be at least one of thermoplastic polyamides, thermoplastic polyolefins and thermoplastic polycarbonates.